Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049270.D
Acq On : 10 Jul 2021 17:44
Operator : CG/JU
Sample : PB137519BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 11 02:15:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS519

Manual Integrations APPROVED
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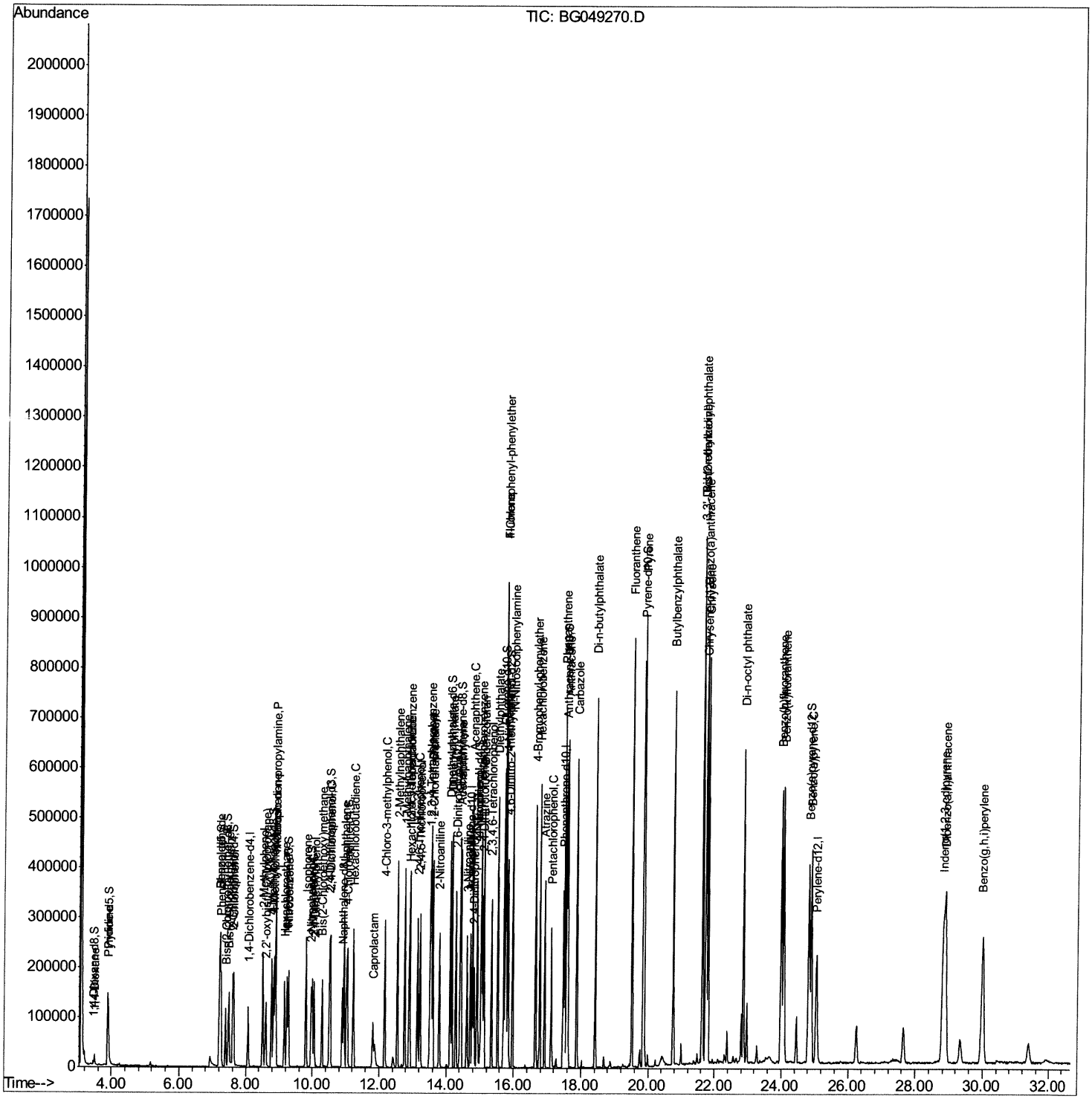

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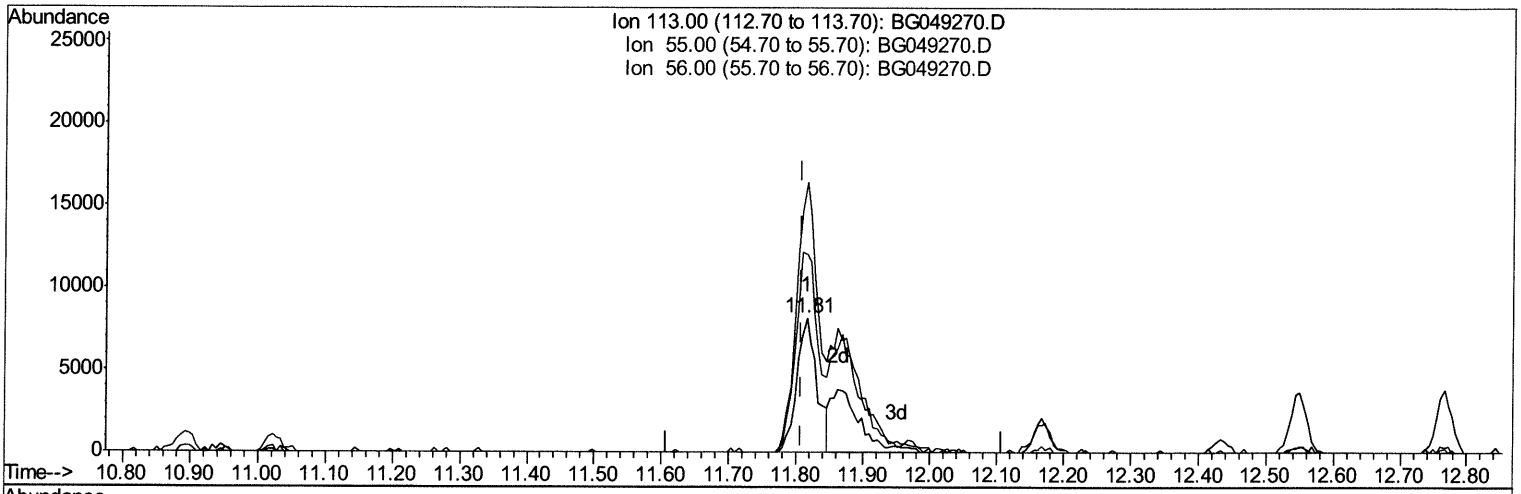

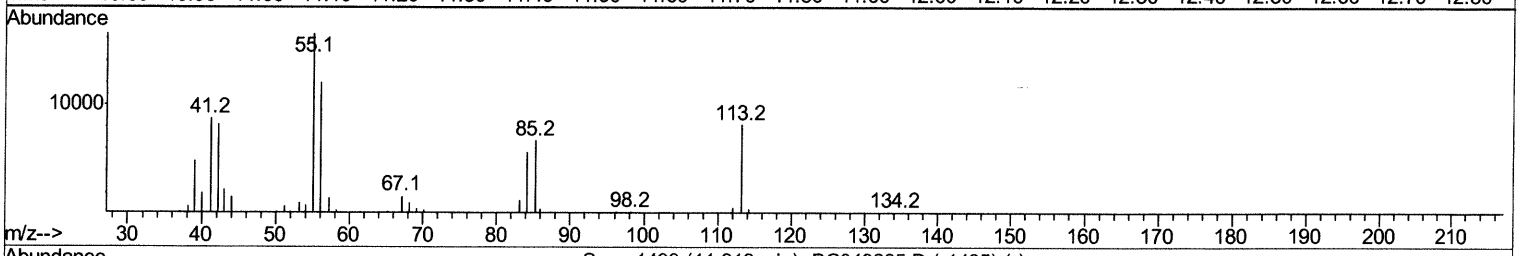

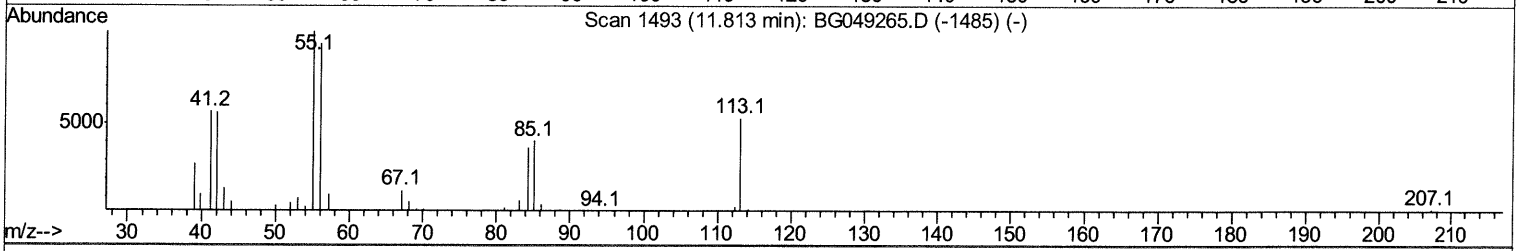

TIC: BG049270.D

(34) Caprolactam

11.815min (+0.008) 23.22ng/ul

response 16819

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	201.30
56.00	171.90	147.30
0.00	0.00	0.00

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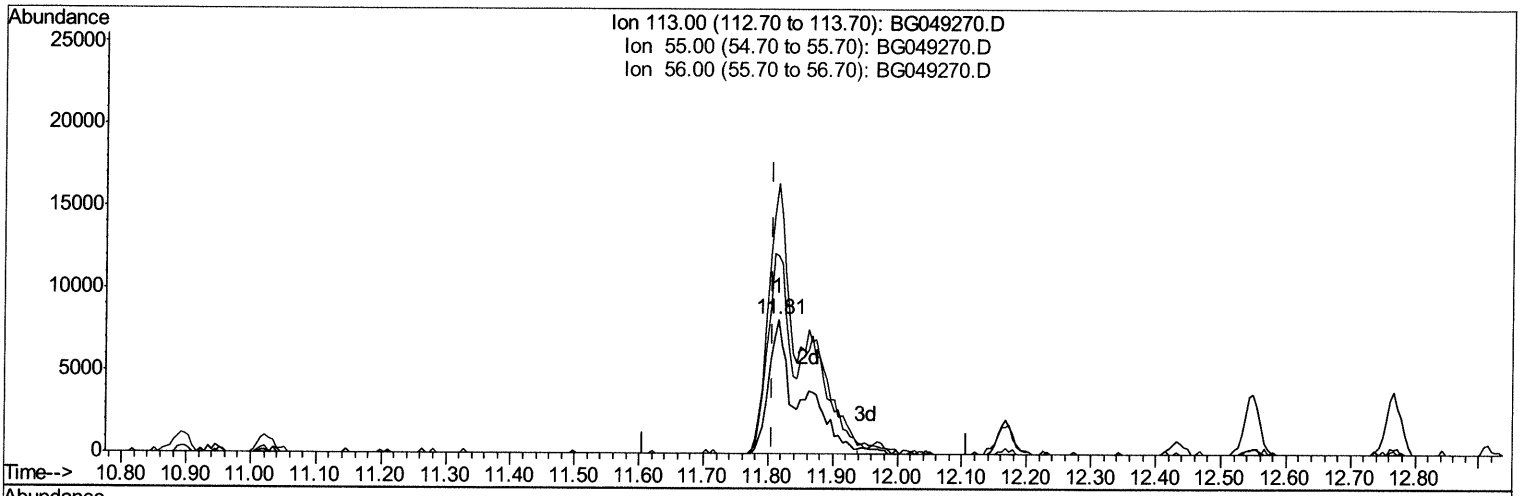

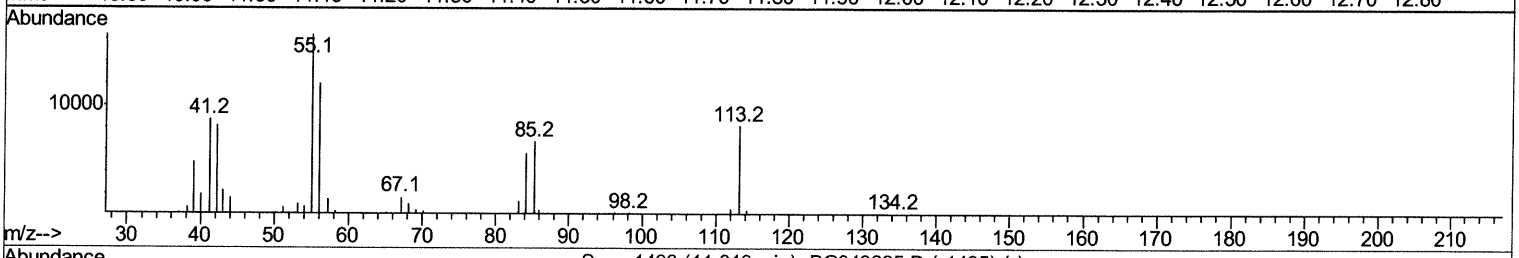

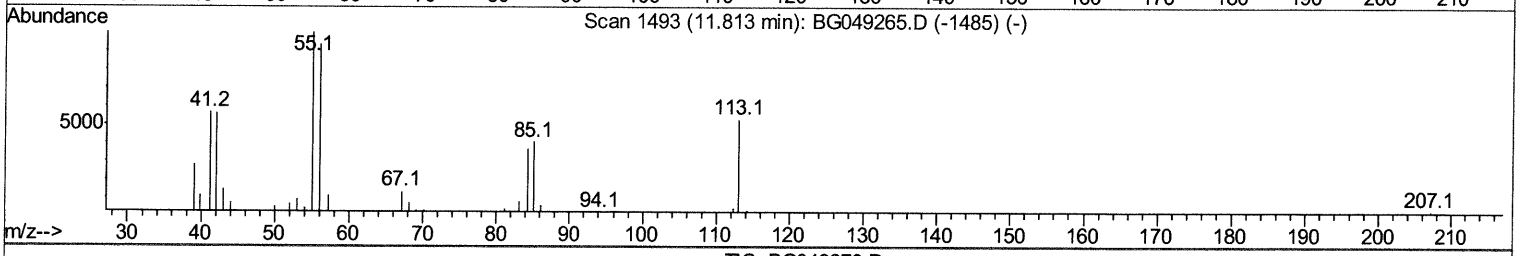

TIC: BG049270.D

(34) Caprolactam

11.815min (+0.008) 38.54ng/ul m 07/13/21 JU

response 27920

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	201.30
56.00	171.90	147.30
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	31034	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	132580	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	98206	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	235499	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	232724	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	219439	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	4313	6.54	ng/uL	0.00
4) Pyridine-d5	3.88	84	51241	26.41	ng/ul	0.00
7) Phenol-d5	7.22	99	94546	35.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	54201	34.62	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	73250	36.71	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	76292	35.27	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	36501	35.88	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	43903	37.59	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	86084	37.78	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	92698	31.21	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	288060	38.14	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	326940	36.89	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	48050	38.44	ng/ul	0.00
60) Fluorene-d10	15.71	176	246758	38.59	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	56678	37.86	ng/ul	0.00
73) Anthracene-d10	17.57	188	375353	35.01	ng/ul	0.00
81) Pyrene-d10	19.85	212	473678	39.71	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	489026	42.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	11740	14.612	ng/uL#	83
5) Pyridine	3.90	79	62331	28.963	ng/ul	96
6) Benzaldehyde	7.21	77	65723	40.470	ng/ul	95
8) Phenol	7.25	94	95547	35.391	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.48	93	68325	34.037	ng/ul#	77
12) 2-Chlorophenol	7.63	128	70317	34.917	ng/ul	98
13) 2-Methylphenol	8.51	108	72010	35.017	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.60	45	117221	36.306	ng/ul	96
16) Acetophenone	8.90	105	131480	37.058	ng/ul	93
17) N-Nitroso-di-n-propylamine	8.88	70	67140	37.242	ng/ul	97
18) 4-Methylphenol	8.84	108	75557	35.318	ng/ul	86
19) Hexachloroethane	9.17	117	32551	35.699	ng/ul	91
22) Nitrobenzene	9.28	77	106271	37.040	ng/ul#	97
23) Isophorone	9.81	82	188564	38.047	ng/ul	98
25) 2-Nitrophenol	10.00	139	43995	36.925	ng/ul	97
26) 2,4-Dimethylphenol	10.05	107	58271	22.087	ng/ul	94
27) Bis(2-Chloroethoxy)methane	10.29	93	99333	37.593	ng/ul	95
29) 2,4-Dichlorophenol	10.54	162	78485	37.693	ng/ul	96
30) Naphthalene	10.95	128	245002	37.064	ng/ul	99
32) 4-Chloroaniline	11.05	127	92035	31.434	ng/ul	99
33) Hexachlorobutadiene	11.23	225	63777	36.119	ng/ul	97
34) Caprolactam	11.81	113	27920m	> 38.545	ng/ul	> 07/13/21 JU

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	94658	40.697 ng/ul	99
36) 2-Methylnaphthalene	12.55	142	187250	37.284 ng/ul	95
37) 1-Methylnaphthalene	12.77	142	182444	36.529 ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	115653	37.494 ng/ul	95
40) Hexachlorocyclopentadiene	12.90	237	50730	24.764 ng/ul	99
41) 2,4,6-Trichlorophenol	13.15	196	71014	35.591 ng/ul	90
42) 2,4,5-Trichlorophenol	13.23	196	78416	36.950 ng/ul	90
43) 1,1'-Biphenyl	13.55	154	254192	38.312 ng/ul	98
44) 2-Chloronaphthalene	13.60	162	195307	37.571 ng/ul	98
45) 2-Nitroaniline	13.79	65	80660	42.322 ng/ul	93
47) Dimethylphthalate	14.17	163	273211	38.973 ng/ul	98
48) 2,6-Dinitrotoluene	14.29	165	61480	40.722 ng/ul	95
50) Acenaphthylene	14.44	152	300006	38.066 ng/ul	99
51) 3-Nitroaniline	14.62	138	55357	40.266 ng/ul	94
52) Acenaphthene	14.78	153	221357	38.674 ng/ul	99
53) 2,4-Dinitrophenol	14.82	184	38451	40.187 ng/ul#	87
55) 4-Nitrophenol	14.93	109	62092	39.346 ng/ul	93
56) Dibenzofuran	15.12	168	315268	38.866 ng/ul	98
57) 2,4-Dinitrotoluene	15.08	165	87086	39.973 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.34	232	68927	34.636 ng/ul#	88
59) Diethylphthalate	15.53	149	298317	39.588 ng/ul	99
61) Fluorene	15.77	166	269356	39.235 ng/ul	94
62) 4-Chlorophenyl-phenylether	15.76	204	151003	40.011 ng/ul	99
63) 4-Nitroaniline	15.79	138	61307	45.426 ng/ul	89
66) 4,6-Dinitro-2-methylphenol	15.84	198	56414	39.604 ng/ul#	97
67) N-Nitrosodiphenylamine	15.97	169	232490	38.775 ng/ul	98
68) 4-Bromophenyl-phenylether	16.66	248	104917	39.943 ng/ul	97
69) Hexachlorobenzene	16.77	284	119195	40.070 ng/ul	96
70) Atrazine	16.91	200	72781	26.523 ng/ul	98
71) Pentachlorophenol	17.12	266	56058	31.574 ng/ul	97
72) Phenanthrene	17.51	178	451139	39.276 ng/ul	97
74) Anthracene	17.60	178	421311	35.906 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	119265	37.123 ng/uL	97
76) Pentachlorobenzene	15.04	250	127605	37.440 ng/uL	97
77) Carbazole	17.87	167	406423	38.828 ng/ul	98
78) Di-n-butylphthalate	18.42	149	502393	38.361 ng/ul	100
80) Fluoranthene	19.52	202	566910	40.866 ng/ul	98
82) Pyrene	19.88	202	553375	40.035 ng/ul	99
83) Butylbenzylphthalate	20.76	149	223338	41.157 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	183451	33.739 ng/ul	98
85) Benzo(a)anthracene	21.73	228	557811	39.003 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.63	149	320950	40.550 ng/ul	99
87) Chrysene	21.80	228	535515	39.585 ng/ul	99
89) Di-n-octyl phthalate	22.87	149	534613	43.282 ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	596679	44.076 ng/ul	97
91) Benzo(k)fluoranthene	24.07	252	570008	43.184 ng/ul	95
93) Benzo(a)pyrene	24.90	252	502043	42.141 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.82	276	683419	44.461 ng/ul	97
95) Dibenzo(a,h)anthracene	28.89	278	574036	45.088 ng/ul	97
96) Benzo(g,h,i)perylene	30.01	276	567810	44.680 ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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